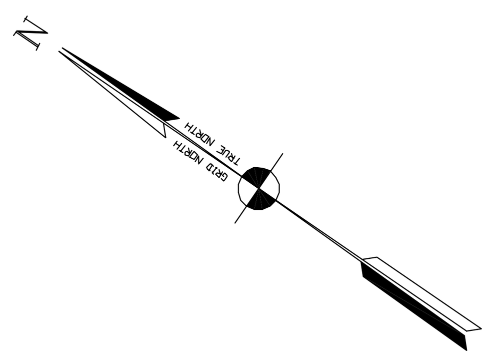
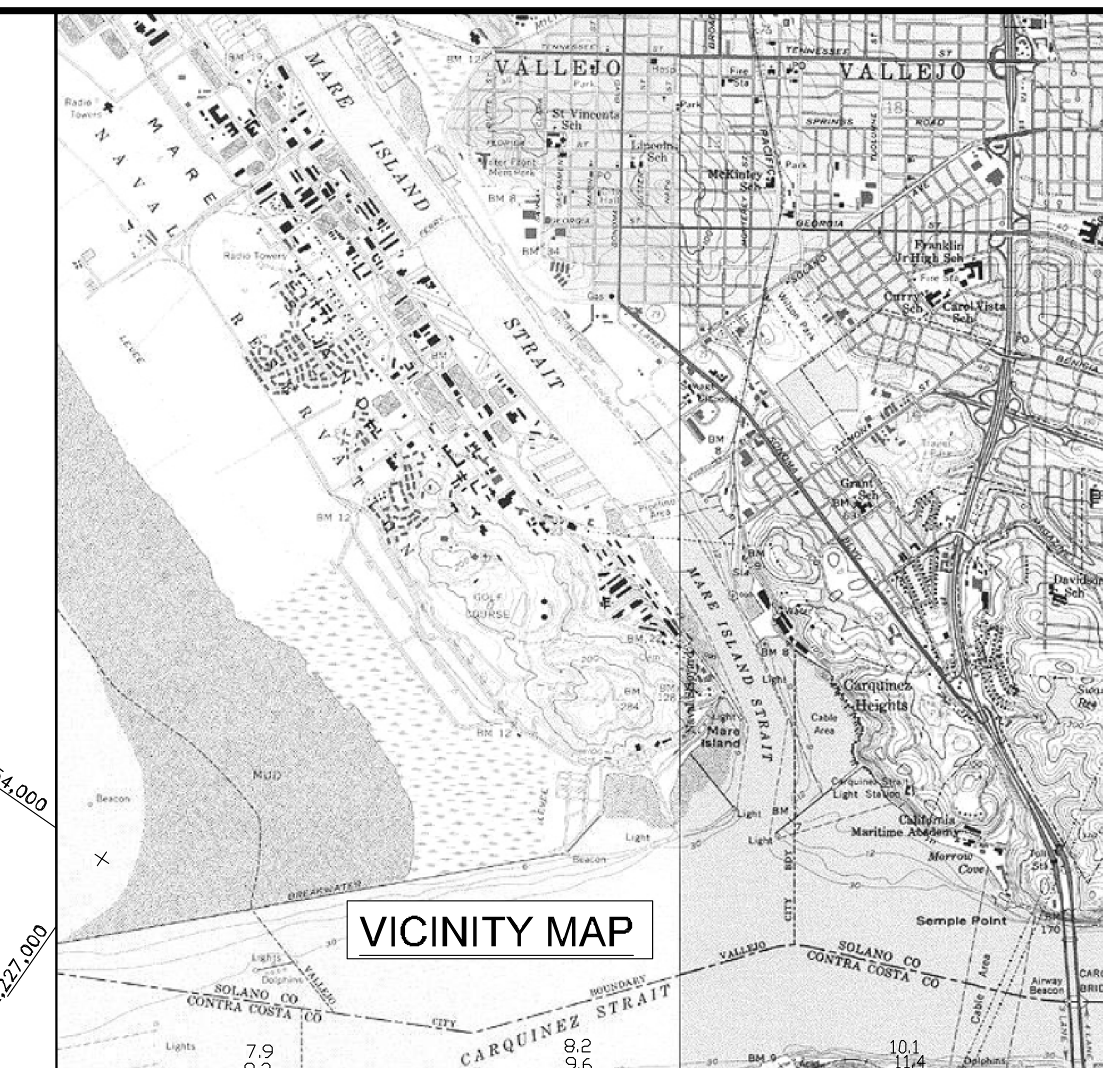
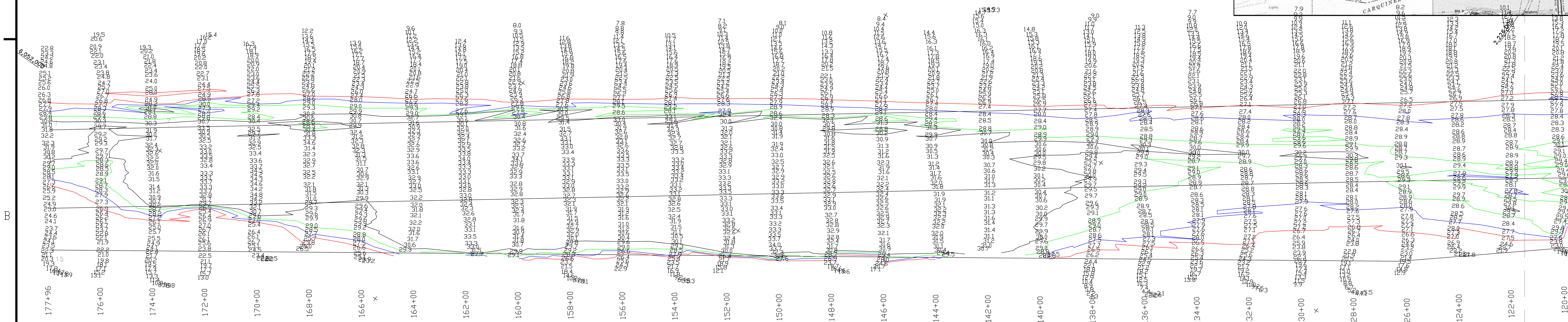
PRELIMINARY ISSUE
THIS PLAN ISSUED FOR
ADVANCE INFORMATION ONLY







MATCHLINE SHEET 2

NOTES:

DRAWINGS NOT TO BE USED AS NAVIGATION. ONLY CHANNEL CONDITION AT DATE OF SURVEY. THE LOCATION OF ALL NAVIGATION AIDS ARE BASED ON INFORMATION PROVIDED BY THE U.S. COAST GUARD. BUOY LOCATIONS REPRESENT THE POSITION OF THE SINKER ONLY.

SURVEYED BY THE CORPS OF ENGINEERS

SOUNDINGS WERE TAKEN BY FATHOMETER AND ARE SHOWN TO THE NEAREST TENTH OF A FOOT.

SOUNDINGS ARE BASED ON THE DATUM OF MEAN LOWER LOW WATER AT THE LOCALITY. NGVD 1929.

VERTICAL CONTROL
BENCHMARK "TIDAL 7" 1936 ELEV. 15.93 FT MLLW.
BENCHMARK "TIDAL 5" 1936 ELEV. 14.03 FT MLLW.
TIDE GAUGE LOCATED AT SPERRY FLOUR PLANT DOCK AND MON. GROTTO.

HORIZONTAL GPS CONTROL
COAST GUARD D-BEACON

PLANE GRID AND COORDINATES ARE BASED ON THE STATE OF CALIFORNIA COORDINATE SYSTEM, LAMBERT CONFORMAL PROJECTION, ZONE III NAD 83, CALIFORNIA, AS DESCRIBED IN SPECIAL PUBLICATION NO. 235, PUBLISHED BY THE NATIONAL OCEAN SURVEY.

1:00 INDICATES THE NUMBER AND BEGINNING OF A LINE OF SOUNDINGS.

PROJECT DEPTH IS 30 FEET FOR MAIN CHANNEL AND 36 FT FOR NAVY CHANNEL.

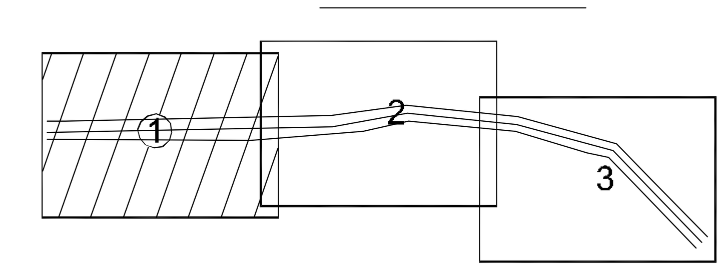
NAD 1983
CENTERLINE ANGLE POINTS

∠ PT	X	Y
C1	6051581.21	2230222.67
C2	6055795.81	2224330.97
C3	6057191.11	2222944.87
C4	6058518.11	2220503.97
C5	6059347.51	2218102.87
C6	6058696.31	2214902.17

NAD 1983
CHANNEL ANGLE POINTS

∠ PT	X	Y
1	6051829.91	2230390.67
2	6052091.81	2230024.57
3	6056039.61	2224505.87
4	6057346.91	2223082.07
5	6058699.11	2220590.07
6	6059555.31	2218121.17
7	6058891.41	2214858.27
8	6058501.11	2214945.97
9	6059139.71	2218084.57
10	6058937.71	2218596.57
11	6058337.01	2220417.87
12	6057035.31	2222807.67
13	6056140.51	2223621.17
14	6054337.11	2225843.77
15	6051448.71	2230133.17

SHEET INDEX



GRAPHICS SCALE 1" = 200'

200' 0 100' 200' 400' 800'

US Army Corps of Engineers
San Francisco District
333 Market Street
San Francisco, CA 94105

Mark	Description	Date	Appr.

DESIGNED BY: | CHECKED BY: PC | DRAWN BY: EC
DATE: 01/04/2005 | SHEET NO. 1 OF 3 | DRAWING NO. 51 | 2 | 432

PREPARED UNDER THE DIRECTION OF
PHILIP T. FEIR
LT. COLONEL, C.E., DISTRICT ENGINEER

SUBMITTED: TVW
Hydro Survey Section
APPROVAL RECOMMENDED:
Chief, Engineering Branch
APPROVED:
Chief, Engineering & Technical Services Div.

MARIN COUNTY CALIFORNIA

MARE ISLAND STRAIT
CONDITION SURVEY
21 DECEMBER 2004

Sheet reference number
C1